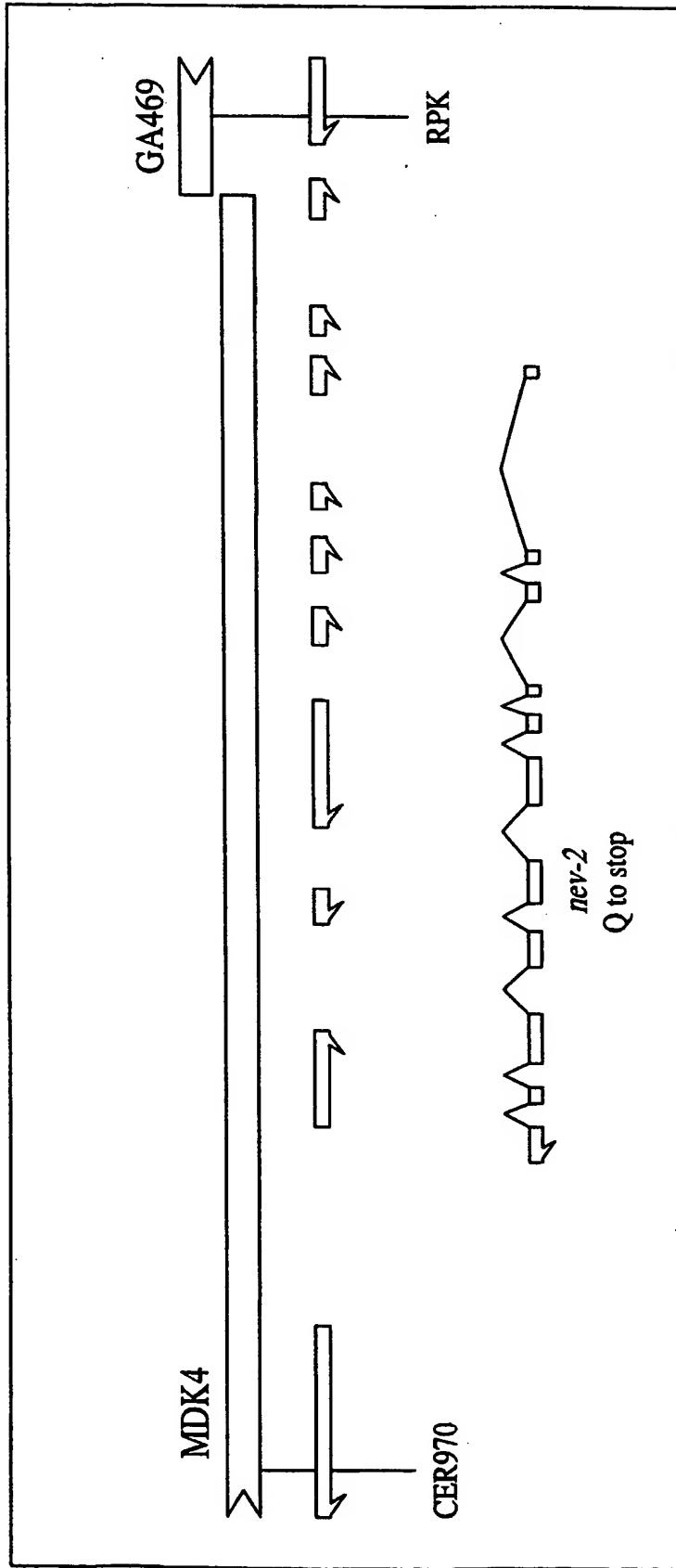


GENETIC CONTROL OF ORGAN ABSCISSION

Lillegren, et al.

Appl. No.: Unknown Atty Docket: SALKINS.035C1

NEVERSHED genomic position



chromosome 5

FIG. 1

NEVERSHED contains a predicted ARFGAP domain

nev-1
C to Y

plant	NEV	HRKILEGLLKHPENRE	AD	KTKGPRWA SVNLGIFI	MO	SGIHRSLGVHIS KVRSATLD
rat	ARFGAP1	TRKV LKEVRAQDENN	FE	GAPNPQWVSVTYGIWI	LE	SGRH RGLGVHL SFVRSVTMD
yeast	GCS1	TRRRLLQLQKIGANKK	MD	GAPNPQWATPKFGAFI	LE	AGIHRGLGVHISFVRSITMD
fly	CG8243	CQTLLTQMLRDEDNKY	VD	DAKGPRWA SWNLGMFL	IR	AGIHRNLGVHISRVKSVNLD
worm	WO9D10.1	LOGFLLDMLKKEEENKY	AD	QAKTPRWA AAWN LGIFI	IR	AGIHRNLGVHISRVNSVNLD
			C C	P W G C C	HR	

NEV	TWLPEQVAIFI QSMGN DKANSYWEAELPPNY	DRVGIENFIRAKYE EKRWV
ARFGAP1	KWKDIELEKM KAGGN AKFREF FLEA	QDDYEPSWSLQDKYSSRAAA
GCS1	QFKPELLRM EKGGNEPLTEWFK	SHNIDLSPQKV KYDN PVAE
CG8243	TWTPEQVISLQQMGN SRA RAVYE AQLPDG FRRP QTDTA LENFIRAKYDHKKYL	
WO9D10.1	SWTPEQVOI M RVMGNEKARQV YEHDLPAQ FRRP TNDQOMEQPIRSKYEQKRYI	KY

F/G. 2